

OPeNDAP resource representation in CMR metadata

ECHO 10 Format

Using the

- <OnlineResource> element for the OPeNDAP resource
- <URL> element to supply the base url. Note that the base url is such that appending an extension will instruct the OPeNDAP server on how to process the request.
- <Type> element with a value of '**GET DATA : OPENDAP DATA (DODS)**'
- <MimeType> element if appropriate to the url if it is a file

```
<OnlineResource>
    <URL>http://disc2.nascom.nasa.gov/opendap/TRMM_L3/TRMM_CSH/</URL>
    <Type>GET DATA : OPENDAP DATA (DODS)</Type>
</OnlineResource>
```

DIF Format

Using the

- <Related_URL> element for the OPeNDAP resource
- <URL> element supply the base url. Note that the base url is such that appending an extension will instruct the OPeNDAP server on how to process the request.
- <URL_Content_Type> for specifying a URL of type OPeNDAP
 - <Type> element with a value of '**GET DATA**'
 - <Subtype> element with a value of '**OPENDAP DATA (DODS)**'

```
<Related_URL>
    <URL_Content_Type uuid="2f1f3f44-61d5-48db-a8ac-06e3f777bf35">
        <Type>GET DATA</Type>
        <Subtype>OPENDAP DATA (DODS)</Subtype>
    </URL_Content_Type>
    <URL>http://disc2.nascom.nasa.gov/opendap/TRMM_L3/TRMM_CSH/</URL>
    <Description>
        OPeNDAP Access dataset TRMM Monthly 0.5 degree x 0.5 degree
        Convective/Stratiform Heating
    </Description>
</Related_URL>
```

ISO 19115-2 Format

Using the

- <gmd:CI_OnlineResource> element for the OPeNDAP resource
- <gmd:URL> element supply the base url. Note that the base url is such that appending an extension will instruct the OPeNDAP server on how to process the request.
- <gmd:CI_OnLineFunctionCode element with a value of '**GET DATA OPENDAP DATA (DODS)**'

```

<gmd:onLine>
  <gmd:CI_OnlineResource>
    <gmd:linkage>

      <gmd:URL>http://disc2.nascom.nasa.gov/opendap/TRMM_L3/TRMM_CSH/</gmd:URL>
    </gmd:linkage>
    <gmd:applicationProfile gco:nilReason="missing"/>
    <gmd:description>
      <gco:CharacterString>OPeNDAP Access dataset TRMM Monthly 0.5
degree x 0.5 degree Convective/Stratiform Heating</gco:CharacterString>
    </gmd:description>
    <gmd:function>
      <gmd:CI_OnLineFunctionCode
codeList="http://www.ngdc.noaa.gov/metadata/published/xsd/schema/resources
/Codelist/gmxCodelists.xml#CI_OnLineFunctionCode" codeListValue="OPeNDAP">
        GET DATA : OPENDAP DATA (DODS)
      </gmd:CI_OnLineFunctionCode>
    </gmd:function>
  </gmd:CI_OnlineResource>
</gmd:onLine>

```

ISO 19115-1 Format

Using the

- <gmd:CI_OnlineResource> element for the OPeNDAP resource
- <gmd:URL> element supply the base url. Note that the base url is such that appending an extension will instruct the OPeNDAP server on how to process the request.
- <gmd:CI_OnLineFunctionCode element with a value of '**GET DATA OPENDAP DATA (DODS)**'

```
<mrd:onLine>
  <cit:CI_OnlineResource>
    <cit:linkage>

      <gco:CharacterString>http://disc2.nascom.nasa.gov/opendap/TRMM_L3/TRMM_CSH
      /</gco:CharacterString>
    </cit:linkage>
    <cit:applicationProfile gco:nilReason="missing" />
    <cit:description>
      <gco:CharacterString>OPeNDAP Access dataset TRMM Monthly 0.5 degree x
      0.5 degree Convective/Stratiform Heating</gco:CharacterString>
    </cit:description>
    <cit:function>
      <cit:CI_OnLineFunctionCode
        codeList="http://www.ngdc.noaa.gov/metadata/published/xsd/schema/resources
        /Codelist/gmxCodelists.xml#CI_OnLineFunctionCode" codeListValue="OPeNDAP">
        GET DATA : OPENDAP DATA (DODS)
      </cit:CI_OnLineFunctionCode>
    </cit:function>
  </cit:CI_OnlineResource>
</mrd:onLine>
```